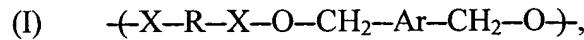


## ABSTRACT

Herein is disclosed an oxygen scavenging composition, comprising (i) an oxygen scavenging polymer comprising structure I:



5       wherein -R- is selected from the group consisting of C<sub>1</sub>-C<sub>24</sub> alkyl, C<sub>1</sub>-C<sub>24</sub> substituted alkyl, C<sub>6</sub>-C<sub>24</sub> aryl, and C<sub>6</sub>-C<sub>24</sub> substituted aryl; -Ar- is selected from the group consisting of C<sub>6</sub>-C<sub>24</sub> aryl and C<sub>6</sub>-C<sub>24</sub> substituted aryl; and -X- is selected from the group consisting of null and -C(=O)-; (ii) a transition metal oxidation catalyst; and (iii) an energy-absorbing compound selected from the group consisting of microwave reactive materials and photoinitiators having a wavelength of maximum absorption of electromagnetic radiation from about 200 nm to about 750 nm. The oxygen scavenging composition can be used to form an oxygen barrier packaging article.

10